

| | Type | Hits | Search Text | DBs |
|---|------|------|--|---|
| 1 | IS&R | 1 | ("5473512").PN. | USPAT |
| 2 | BRS | 431 | wir\$3 near2 bond\$3 with (via\$1 through hole\$1) with (plural\$4 many two three "2" "3" more) near2 (chip\$1 die dice substrate\$1) and (438/\$ 257/\$) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB |
| 3 | BRS | 25 | 5280192.URPN. | USPAT |
| 4 | BRS | 20 | ("4447716" "4640866" "4688648" "4719140" "4727246" "4729061" "4733061" "4763188" "4773955" "4862249" "4889980" "4894706" "4956694" "4962415" "4980802" "4985601" "4990759" "4994659" "5016085" "5099309").PN. | USPAT |
| 5 | BRS | 13 | ("4992849" "4992850" "4996587" "5107328" "5137836" "5239198" "5255156" "5280192" "5418687" "5465470" "5477082" "5480840" "5495398").PN. | USPAT |
| 6 | BRS | 1797 | wir\$3 near2 bond\$3 with (plural\$4 many two three "2" "3" more) near2 (chip\$1 die dice substrate\$1) and (438/\$ 257/\$) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB |
| 7 | BRS | 425 | wir\$3 near2 bond\$3 with (plural\$4 many two three "2" "3" more) near2 (via\$1 through hole\$1) and (438/\$ 257/\$) not (((("438/118,127").CCLS.) and wir\$3 near2 bond\$3 same (plural\$4 many two three "2" "3" more) near2 (via\$1 through hole\$1))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB |
| 8 | BRS | 11 | ("4598308" "5107328" "5240588" "5243497" "5313096" "5384689" "5502289" "5818698" "5936305" "5998860" "6013948").PN. | USPAT |

| | Time Stamp ▽ | Comments | Error Definition | Errors |
|---|---------------------|----------|--|--------|
| 1 | 2001/12/12 16:13 | | | 0 |
| 2 | 2001/12/12 16:12 | | Truncation Overflow. Return string from Server is: 5`0`0`WIR | 1 |
| 3 | 2001/12/12 15:24 | | | 0 |
| 4 | 2001/12/12 15:24 | | | 0 |
| 5 | 2001/12/12 15:20 | | | 0 |
| 6 | 2001/12/12 14:30 | | Truncation Overflow. Return string from Server is: 5`0`0`WIR | 1 |
| 7 | 2001/12/12 14:17 | | Truncation Overflow. Return string from Server is: 5`0`0`WIR | 1 |
| 8 | 2001/12/12 14:09 | | | 0 |

| | Type | Hits | Search Text | DBs |
|----|------|------|---|---|
| 9 | BRS | 419 | (wir\$3 near2 bond\$3 with (plural\$4 many two three "2" "3" more) near2 (via\$1 through hole\$1) and (438/\$ 257/\$) not (((("438/118,127").CCLS.) and wir\$3 near2 bond\$3 same (plural\$4 many two three "2" "3" more) near2 (via\$1 through hole\$1))) not ((6046072.URPN. (("4545840" "4862245" "5068712" "5140404" "5254412" "5286679" "5304842" "5434106" "5441918" "5714405").PN.) 6013948.URPN. (("3648131" "4505799" "4649418" "4725924" "4731645" "4828666" "4931853" "4996587" "5022580" "5048179" "5063177" "5107328" "5138434" "5155067" "5191511" "5239198" "5384689" "5422514" "5426072" "5474957" "5578869" "5674785" "5696033" "5723907" "5739585" "5744862" "5811879" "5814883" "5818698").PN.) 5714405.URPN. (("4994411" "5068712").PN.) 5674785.URPN. (("4199777" "4483067" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB |
| 10 | BRS | 2276 | wir\$3 near2 bond\$3 same (plural\$4 many two three "2" "3" more) near2 (via\$1 through hole\$1) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB |
| 11 | BRS | 857 | (wir\$3 near2 bond\$3 same (plural\$4 many two three "2" "3" more) near2 (via\$1 through hole\$1)) and (438/\$ 257/\$) not (((("438/118,127").CCLS.) and wir\$3 near2 bond\$3 same (plural\$4 many two three "2" "3" more) near2 (via\$1 through hole\$1)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB |
| 12 | BRS | 52 | ((("438/118,127").CCLS.) and wir\$3 near2 bond\$3 same (plural\$4 many two three "2" "3" more) near2 (via\$1 through hole\$1) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB |
| 13 | BRS | 199 | ((("438/118,127").CCLS.) and wir\$3 near2 bond\$3 with (via\$1 through hole\$1) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB |

| | Time Stamp ▽ | Comments | Error Definition | Errors |
|----|---------------------|----------|--|--------|
| 9 | 2001/12/12 14:04 | | | 0 |
| 10 | 2001/12/12 13:54 | | | 0 |
| 11 | 2001/12/12 13:52 | | Truncation Overflow. Return string from Server is: 5`0`0`438 | 1 |
| 12 | 2001/12/12 13:51 | | | 0 |
| 13 | 2001/12/12 13:35 | | | 0 |

| | Type | Hits | Search Text | DBs |
|----|------|------|---|-------|
| 14 | BRS | 233 | (6046072.URPN. (("4545840" "4862245" "5068712" "5140404" "5254412" "5286679" "5304842" "5434106" "5441918" "5714405").PN.) 6013948.URPN. (("3648131" "4505799" "4649418" "4725924" "4731645" "4828666" "4931853" "4996587" "5022580" "5048179" "5063177" "5107328" "5138434" "5155067" "5191511" "5239198" "5384689" "5422514" "5426072" "5474957" "5578869" "5674785" "5696033" "5723907" "5739585" "5744862" "5811879" "5814883" "5818698").PN.) 5714405.URPN. (("4994411" "5068712").PN.) 5674785.URPN. (("4199777" "4483067" "4505799" "4899107" "4954458" "4992849" "4992850" "5022580" "5041396" "5063177" "5068205" "5075253" "5138434" "5155067" "5188984" "5200363" "5239198" "5326428" "5346859" | USPAT |

| | Time Stamp ▽ | Comments | Error Definition | Errors |
|----|---------------------|----------|---------------------|--------|
| 14 | 2001/12/12 13:25 | | | 0 |

| | Type | Hits | Search Text | DBs |
|----|------|------|--|---|
| 15 | BRS | 188 | ((6046072.URPN. ("4545840" "4862245" "5068712" "5140404" "5254412" "5286679" "5304842" "5434106" "5441918" "5714405").PN.) 6013948.URPN. ("3648131" "4505799" "4649418" "4725924" "4731645" "4828666" "4931853" "4996587" "5022580" "5048179" "5063177" "5107328" "5138434" "5155067" "5191511" "5239198" "5384689" "5422514" "5426072" "5474957" "5578869" "5674785" "5696033" "5723907" "5739585" "5744862" "5811879" "5814883" "5818698").PN.) 5714405.URPN. ("4994411" "5068712").PN.) 5674785.URPN. ("4199777" "4483067" "4505799" "4899107" "4954458" "4992849" "4992850" "5022580" "5041396" "5063177" "5068205" "5075253" "5138434" "5155067" "5188984" "5200363" "5239198" "5326428" "5346859" | USPAT |
| 16 | BRS | 572 | ((("438/118,127").CCLS.) and wir\$3 near2 bond\$3 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB |

| | Time Stamp ▽ | Comments | Error Definition | Errors |
|----|---------------------|----------|---------------------|--------|
| 15 | 2001/12/12 13:25 | | | 0 |
| 16 | 2001/12/12 13:19 | | | 0 |

| | Type | Hits | Search Text | DBs |
|----|------|------|---|---|
| 17 | BRS | 172 | (("438/118,127").CCLS.) and wir\$3 near2 bond\$3 with (via\$1 through hole\$1) and (((("438/118,127").CCLS.) and wir\$3 near2 bond\$3) not ((6046072.URPN. ("4545840" "4862245" "5068712" "5140404" "5254412" "5286679" "5304842" "5434106" "5441918" "5714405").PN.) 6013948.URPN. ("3648131" "4505799" "4649418" "4725924" "4731645" "4828666" "4931853" "4996587" "5022580" "5048179" "5063177" "5107328" "5138434" "5155067" "5191511" "5239198" "5384689" "5422514" "5426072" "5474957" "5578869" "5674785" "5696033" "5723907" "5739585" "5744862" "5811879" "5814883" "5818698").PN.) 5714405.URPN. ("4994411" "5068712").PN.) 5674785.URPN. ("4199777" "4483067" "4505799" "4899107" "4954458" "4992849" "4992850" "5022580" "5041396" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB |

| | Time Stamp ▽ | Comments | Error Definition | Errors |
|----|---------------------|----------|---------------------|--------|
| 17 | 2001/12/12 11:12 | | | 0 |

| | Type | Hits | Search Text | DBs |
|----|------|------|---|---|
| 18 | BRS | 491 | ((((("438/118,127").CCLS.) and wir\$3 near2 bond\$3) not ((6046072.URPN. (("4545840" "4862245" "5068712" "5140404" "5254412" "5286679" "5304842" "5434106" "5441918" "5714405").PN.) 6013948.URPN. (("3648131" "4505799" "4649418" "4725924" "4731645" "4828666" "4931853" "4996587" "5022580" "5048179" "5063177" "5107328" "5138434" "5155067" "5191511" "5239198" "5384689" "5422514" "5426072" "5474957" "5578869" "5674785" "5696033" "5723907" "5739585" "5744862" "5811879" "5814883" "5818698").PN.) 5714405.URPN. (("4994411" "5068712").PN.) 5674785.URPN. (("4199777" "4483067" "4505799" "4899107" "4954458" "4992849" "4992850" "5022580" "5041396" "5063177" "5068205" "5075253" "5138434" "5155067" "5188984" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB |

| | Time Stamp ▽ | Comments | Error Definition | Errors |
|----|---------------------|----------|---------------------|--------|
| 18 | 2001/12/12 11:08 | | | 0 |

| | Type | Hits | Search Text | DBs |
|----|------|------|---|---|
| 19 | BRS | 527 | ((("438/118,127").CCLS.) and wir\$3 near2 bond\$3) not ((6046072.URPN. (("4545840" "4862245" "5068712" "5140404" "5254412" "5286679" "5304842" "5434106" "5441918" "5714405").PN.) 6013948.URPN. (("3648131" "4505799" "4649418" "4725924" "4731645" "4828666" "4931853" "4996587" "5022580" "5048179" "5063177" "5107328" "5138434" "5155067" "5191511" "5239198" "5384689" "5422514" "5426072" "5474957" "5578869" "5674785" "5696033" "5723907" "5739585" "5744862" "5811879" "5814883" "5818698").PN.) 5714405.URPN. (("4994411" "5068712").PN.) 5674785.URPN. (("4199777" "4483067" "4505799" "4899107" "4954458" "4992849" "4992850" "5022580" "5041396" "5063177" "5068205" "5075253" "5138434" "5155067" "5188984" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB |

| | Time Stamp ▽ | Comments | Error Definition | Errors |
|----|---------------------|----------|---------------------|--------|
| 19 | 2001/12/12 11:07 | | | 0 |

| | Type | Hits | Search Text | DBs |
|----|------|------|---|---|
| 20 | BRS | 491 | ((((("438/118,127").CCLS.) and wir\$3 near2 bond\$3) not ((6046072.URPN. (("4545840" "4862245" "5068712" "5140404" "5254412" "5286679" "5304842" "5434106" "5441918" "5714405").PN.) 6013948.URPN. (("3648131" "4505799" "4649418" "4725924" "4731645" "4828666" "4931853" "4996587" "5022580" "5048179" "5063177" "5107328" "5138434" "5155067" "5191511" "5239198" "5384689" "5422514" "5426072" "5474957" "5578869" "5674785" "5696033" "5723907" "5739585" "5744862" "5811879" "5814883" "5818698").PN.) 5714405.URPN. (("4994411" "5068712").PN.) 5674785.URPN. (("4199777" "4483067" "4505799" "4899107" "4954458" "4992849" "4992850" "5022580" "5041396" "5063177" "5068205" "5075253" "5138434" "5155067" "5188984" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB |
| 21 | BRS | 246 | ((("438/118,127").CCLS.) and wire\$1 near2 bond\$1 | USPAT |
| 22 | IS&R | 1046 | ("438/118,127").CCLS. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB |
| 23 | IS&R | 935 | ("438/118,127").CCLS. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB |

| | Time Stamp ▽ | Comments | Error Definition | Errors |
|----|---------------------|----------|---------------------|--------|
| 20 | 2001/12/12 11:07 | | | 0 |
| 21 | 2001/12/12 11:06 | | | 0 |
| 22 | 2001/12/12 11:05 | | | 0 |
| 23 | 2001/12/12 11:02 | | | 0 |

| | Type | Hits | Search Text | DBs |
|----|------|------|--|-------|
| 24 | BRS | 134 | ((6046072.URPN. ("4545840" "4862245" "5068712" "5140404" "5254412" "5286679" "5304842" "5434106" "5441918" "5714405").PN.) 6013948.URPN. ("3648131" "4505799" "4649418" "4725924" "4731645" "4828666" "4931853" "4996587" "5022580" "5048179" "5063177" "5107328" "5138434" "5155067" "5191511" "5239198" "5384689" "5422514" "5426072" "5474957" "5578869" "5674785" "5696033" "5723907" "5739585" "5744862" "5811879" "5814883" "5818698").PN.) 5714405.URPN. ("4994411" "5068712").PN.) 5674785.URPN. ("4199777" "4483067" "4505799" "4899107" "4954458" "4992849" "4992850" "5022580" "5041396" "5063177" "5068205" "5075253" "5138434" "5155067" "5188984" "5200363" "5239198" "5326428" "5346859" | USPAT |

| | Time Stamp ▽ | Comments | Error Definition | Errors |
|----|---------------------|----------|---------------------|--------|
| 24 | 2001/12/12 11:02 | | | 0 |

| | Type | Hits | Search Text | DBs |
|----|------|------|--|-------|
| 25 | BRS | 99 | ((6046072.URPN. (("4545840" "4862245" "5068712" "5140404" "5254412" "5286679" "5304842" "5434106" "5441918" "5714405").PN.) 6013948.URPN. (("3648131" "4505799" "4649418" "4725924" "4731645" "4828666" "4931853" "4996587" "5022580" "5048179" "5063177" "5107328" "5138434" "5155067" "5191511" "5239198" "5384689" "5422514" "5426072" "5474957" "5578869" "5674785" "5696033" "5723907" "5739585" "5744862" "5811879" "5814883" "5818698").PN.) 5714405.URPN. (("4994411" "5068712").PN.) 5674785.URPN. (("4199777" "4483067" "4505799" "4899107" "4954458" "4992849" "4992850" "5022580" "5041396" "5063177" "5068205" "5075253" "5138434" "5155067" "5188984" "5200363" "5239198" "5326428" "5346859" | USPAT |
| 26 | IS&R | 8 | ((("5286679") or ("5293068") or ("6046072") or ("5714405") or ("5434106") or ("5384689") or ("5674785") or ("6013948")).PN. | USPAT |
| 27 | BRS | 96 | 5286679.URPN. | USPAT |
| 28 | BRS | 10 | ("4835120" "4862245" "4994411" "5012323" "5021864" "5086018" "5140405" "5142450" "5145099" "5173451").PN. | USPAT |
| 29 | BRS | 3 | 5293068.URPN. | USPAT |
| 30 | BRS | 1 | "5159434".PN. | USPAT |
| 31 | BRS | 2 | 6046072.URPN. | USPAT |

| | Time Stamp ▽ | Comments | Error Definition | Errors |
|----|---------------------|----------|---------------------|--------|
| 25 | 2001/12/12 10:46 | | | 0 |
| 26 | 2001/12/12 10:38 | | | 0 |
| 27 | 2001/12/12 10:38 | | | 0 |
| 28 | 2001/12/12 10:38 | | | 0 |
| 29 | 2001/12/12 10:37 | | | 0 |
| 30 | 2001/12/12 10:37 | | | 0 |
| 31 | 2001/12/12 10:30 | | | 0 |

| | Type | Hits | Search Text | DBs |
|----|------|------|--|-------|
| 32 | BRS | 10 | ("4545840" "4862245" "5068712" "5140404" "5254412" "5286679" "5304842" "5434106" "5441918" "5714405") .PN. | USPAT |
| 33 | BRS | 21 | 6013948.URPN. | USPAT |
| 34 | BRS | 29 | ("3648131" "4505799" "4649418" "4725924" "4731645" "4828666" "4931853" "4996587" "5022580" "5048179" "5063177" "5107328" "5138434" "5155067" "5191511" "5239198" "5384689" "5422514" "5426072" "5474957" "5578869" "5674785" "5696033" "5723907" "5739585" "5744862" "5811879" "5814883" "5818698") .PN. | USPAT |
| 35 | BRS | 12 | 5714405.URPN. | USPAT |
| 36 | BRS | 2 | ("4994411" "5068712") .PN. | USPAT |
| 37 | BRS | 47 | 5674785.URPN. | USPAT |
| 38 | BRS | 26 | ("4199777" "4483067" "4505799" "4899107" "4954458" "4992849" "4992850" "5022580" "5041396" "5063177" "5068205" "5075253" "5138434" "5155067" "5188984" "5200363" "5239198" "5326428" "5346859" "5346861" "5419807" "5426072" "5468999" "5474957" "5536685" "5545291") .PN. | USPAT |
| 39 | BRS | 17 | 5434106.URPN. | USPAT |
| 40 | BRS | 5 | ("4862245" "4903113" "4916519" "4965654" "5070039") .PN. | USPAT |
| 41 | BRS | 17 | 5384689.URPN. | USPAT |
| 42 | BRS | 5 | ("4288841" "4996587" "5128831" "5205032" "5231305") .PN. | USPAT |

| | Time Stamp ▽ | Comments | Error Definition | Errors |
|----|---------------------|----------|---------------------|--------|
| 32 | 2001/12/12 10:30 | | | 0 |
| 33 | 2001/12/12 10:30 | | | 0 |
| 34 | 2001/12/12 10:30 | | | 0 |
| 35 | 2001/12/12 10:30 | | | 0 |
| 36 | 2001/12/12 10:30 | | | 0 |
| 37 | 2001/12/12 10:30 | | | 0 |
| 38 | 2001/12/12 10:30 | | | 0 |
| 39 | 2001/12/12 10:30 | | | 0 |
| 40 | 2001/12/12 10:30 | | | 0 |
| 41 | 2001/12/12 10:30 | | | 0 |
| 42 | 2001/12/12 10:30 | | | 0 |